

S/169/62/000/008/052/090

Theory of the formation of large ... E202/E192

Taking into consideration in the calculations the last mentioned, leads to a conclusion that the accumulation of large amounts of droplet water and hail takes place in the zone before the top of the cloud, which explains the high intensity and short duration of the showery precipitates and hail. The pressure of the large droplet fraction in the upper part of the cloud lowers the value of the anabatic velocity of the stream down to v_{cr} , and the corresponding quantity of water holding may be calculated from the formula:

$$q = \frac{m}{2gz} (w_{max}^2 - v_{cr}^2),$$

where m - the mass of air in a unit volume. The action on the upper part of the growing heavy cumulus with $w_{max} > v_{cr}$, with surface active or hygroscopic agents does not give a positive effect. Prevention or even weakening the effect of a hail is possible only by full crystallisation of the supercooled fraction of the liquid droplets entering the upper part of the cloud. 4-10 kg of reagent are required to destroy the hail centre.

Card 4/4 [Abstractor's note: Complete translation.]

S/030/61/000/001/015/017
B105/B206

AUTHORS: Sulakvelidze, G. K., Professor, Lapcheva, V. F.
TITLE: Research in the field of the physics of the atmosphere
PERIODICAL: Vestnik Akademii nauk SSSR, no. 1, 1961, 115-116

TEXT: In connection with the 25th anniversary of the Kabardino-Balkarskoye otdeleniye (Kabardino-Balkarskaya Branch) of the Institut prikladnoy geofiziki Akademii nauk SSSR (Institute of Applied Geophysics of the Academy of Sciences USSR), the former El'brusskaya ekspeditsiya (El'brus Expedition), a Scientific Meeting was held at Nal'chik from September 26 to 30, 1960. The region of the El'brus is described as being the best place in the Soviet Union for scientific high-mountain research. Studies started here by S. I. Vavilov were interrupted by the war and developed in a big way under the direction of Ye. K. Fedorov in the period 1948 to 1954. G. K. Sulakvelidze, Chief of the Branch, characterized the scientific achievements of the last ten years. It was possible to find an explanation for the intensity variations of the green line of luminescence of the night sky by studying the optical

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Research in the field of the ...

S/030/61/000/001/015/017
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function of their radius and the velocity of the accumulating flow, and elaborated the theory of the "traps" of cloud drops. The study of snow cover and the dynamics of avalanches made it possible for V. S. Chitadze to establish the standards for avalanche-protective constructions.

K. S. Shifrin reported on the use of calculations of artificial effects on supercooled clouds. N. V. Krasnogorskaya reported on the study of atmospheric electricity in the El'brus region. N. N. Sirotinin and A. Z. Kolchinskaya reported on the investigation of the mountain sickness, anoxia under high-mountain conditions as well as treatment methods by high-mountain climate. Symposia on atmospheric optics, crystallization processes, and physics of cloud and rain were held during the meeting. A comprehensive discussion under participation of scientists from Moscow, Leningrad, and Tbilisi permitted a critical consideration of the results obtained, the proposal of recommendations for further studies as well as their coordination. ✓

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SULAKVELIDZE, G.K.

3.5110

3732

S/169/62/000/004/028/103
D228/D;02

AUTHORS: Bartishvili, G. S., Biblashvili, N. Sh., Zaytseva,
A. M., Lapcheva, V. F., Ordzhonikidze, A. A. and
Sulakvelidze, G. K.

TITLE: The growth of drops and hailstones in thick cumulus
cloud with allowance for the change in the velocity
of vertical currents with height and the physical ba-
ses of the effect on hail processes

PERIODICAL: Referativnyy zhurnal, Geofizika, no. 4, 1962, 19, ab-
stract 4B134 (V sb. Fiz. oblakov i osadkov, v. 2 (5),
M., AN SSSR, 1961, 146-148)

TEXT: In the article a method is given for calculating the growth
of cloud drops and hail particles at the expense of coagulation
processes, and the influence of the character of the change in the
velocity of ascending currents on the growth of cloud particles is
investigated. The question of calculating the water content of
thick cumulus cloud and the amount of precipitation is considered;

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D228/D302

The growth of drops ...

the physical bases of the effects on hail processes are also illuminated. The results, accumulated during the study of mass convective clouds on the El'brus and the Alazani expeditions of 1954-1959 are used as the original experimental material. In conclusion the following deductions are formulated: The accumulation of large water reserves in a cloud in liquid or solid phases occurs as a result of the decreasing velocity of ascending currents with altitude. This creates favorable conditions for the coagulation growth of the largest drops or of soft hail at the expense of the fine-droplet liquid fraction, entering from below. A "locking-layer" in which a chain reaction in the watery cloud, or a considerable growth of hail particles, occurs, is formed in the zone of the maximum vertical-current velocity. On the whole the hailstone dimensions depend on the presence in the cloud's middle part of stable and prolonged (not less than 30 - 90 min) vertical currents with speeds of 10 - 25 m/sec, as well as on the height of the zero isotherm, and not on the thickness and the water content on the cloud's lower part. If the zero isotherm is situated at the level of maximum vertical velocities, or below this level, the hailstone sizes are

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S/169/62/000/004/026/103
D228/D302

The growth of drops ...

largely governed by the vertical flow magnitude. If the zero isotherm is located well above the maximum velocity level, the hailstone dimensions are determined by the velocity magnitude at the zero isotherm level. The radius of a falling hailstone satisfies the following disparity, which is one of the criteria for the likelihood of hail fall:

$$R < \frac{2\omega_0^2 \rho_z}{\rho_0}$$

where ω_0 is the ascending current velocity, ρ_0 is the air density at a standard pressure, and ρ_z is the air density at a set height. The ascending current velocity also determines the water content of a cloud's upper part, which may reach 20 g/m^3 at the beginning of precipitation. The amount of precipitation from intra-mass cumulus clouds depends, too, on the ascending current velocity. Hail processes cannot be averted by the episodic effect of hygroscopic

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The growth of drops ...

or other substances, which accelerate the gravitational coagulation of drops, upon the upper part of a thick cumulus water-drop cloud. However, the continuous action on the cloud's lower part may be an effective means of combating hail in consequence of the "washing out" of the lower part and the coarsening of the nuclei at its summit. The episodic effect of crystallizing substances on the supercooled part of thick cumulus cloud can lead to the artificial development of hail. In the authors' opinion the most effective way of preventing hail is the full crystallization of the cloud's supercooled part. Questions of the study of the microstructural cloud parameters that are necessary for the advanced detection of hail foci are most pressing at the present time. Questions of the method of introducing active matter into a cloud and of the search for new reagents are also important. /⁴Abstracter's note:
Complete translation. /

Card 4/4

S/124/62/000/007/018/027
D234/D308

AUTHORS: Kiryukhin, B. V. and Sulakvelidze, G. K.

TITLE: Mechanism of the formation of hail and showers, taking into account the variation in the velocity of ascending currents in clouds

PERIODICAL: Referativnyy zhurnal, Mekhanika, no. 7, 1962, 103, abstract 7B692 (V sb. Fiz. oblakov i osadkov, v. 2(5), N., AN SSSR, 1961, 169-174)

TEXT: It is pointed out that an increase in the velocity of ascending currents with height inside convective clouds, with subsequent decrease in velocity in the upper part of the cloud must be favorable to the development of showers and hail. Assuming the above variation of vertical velocities, considerable amounts of large drops or hailstones can accumulate in the upper part of the cloud and, with a decrease of the maximum velocities of the ascending currents, these will be precipitated in the form of an intense shower or hail

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Mechanism of the formation ...

S/124/62/000/007/018/027
D234/D508

of short duration. This reasoning is confirmed by certain calculations. 15 references. [-Abstracter's note: Complete translation.] 

Card 2/2

"APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001653820018-7

SULAKVELIDZE, G.K., prof.; LANCHEVA, V.F.

On the peaks of Elbrus. Priroda 50 no.11:72-78 N '61.
(MIRA 14:10)

1. Vysokogornyy geofizicheskiy institut (Nal'chik).
(Elbrus, Mount--Meteorological research)

APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001653820018-7"

- 64
- 12
1. "Methods of Investigations. Oil Works of Art." Dr. SAVOL
VACUUM director of the Slovack National Gallery (Slo-
vakia) National Gallery, Bratislava, pp.230-235.
 2. "Neolithic Man in Slovakia," Dr. JURAJ FELKA, C. Sc.
Candidate of Sciences (Archaeology), Institute
SAV/Univerzita ekonomicka v Bratislavie, Nitra, pp.1-12.
 3. "Geophysical Research on Elektro," Prof. O. K. STACHOVSKY
and P. V. LUKAVSKY, Institute of Geophysics
Czechoslovak Academy of Sciences, Prague, Czechoslovakia.
 4. "Shall We Become Successful in the Therapy of Black Blood
Presure?" Dr. IANIS TUDOR, C. Sc. and MUDRA
OMAVER (Food and Pharmaceutical) Institute, Bratislava, pp.145-152.
 5. "SAV (Chemical analysis SAV)." Report Peter HUMELA of the
Central Research Institute of the Food Industry (Institut
Zemedelky ustanovy potravinarnichneho priemyslu)
Bratislava, pp.152-153.
 6. "Solar Corona," J. JARNA, Graduate Physicist SAV (Astrono-
my Faculty) of the Agricultural Cooperative SAV (Astronom-
ical Observatory SAV), Bratislava, pp.154-157.
 7. "Photoeffect and Electroluminescence," Eng. JOSEF KUMA
of the Physics Laboratory SAV (Laboratorium fyziky SAV),
Bratislava, pp.158-161.
 8. "Application of Antibiotics in the Protection of Plants
Against Diseases," Dr. JAN VILHELM, C. Sc. of the Re-
search Institute for Cancer Prevention (Virology) using Okru-
nich testin, Bratislava, pp.162-165.
 9. "Headwaters of the Danube River and Banks of Danube
Kisnad, Academician EDO L. J. Director of the Institute
of Hydrology and Hydraulics (Institute of Water Resources
of SAV), Bratislava, pp.166-176.
 10. "Pathology in the Twentieth Century," Dr. J. JAKLALY, M.D.,
M.S., Ph.D., 192-193.

S/020/62/144/004/014/024
B125/B104

3.6000

AUTHOR: Sulakvelidze, G. K.

TITLE: The physical principles underlying action upon clouds to prevent hail.

PERIODICAL: Akademiya nauk SSSR. Doklady, v. 144, no. 4, 1962,
778 - 780

TEXT: Experimental work in the northern Caucasus and at the observatory of Verona, Italy, confirmed the hypothesis of N. Sh. Bibilashvili, A. M. Zaytseva et al. (DAN, 128, no. 3, 521, (1959)) stating four conditions for hail formation as follows: The temperature of the cloud top must be below the threshold of natural crystallization; the rising current of air must pass the 0°C isotherm at a speed of more than 12 m/sec; the decrease ΔR_0 in the radius of the hailstones by melting in the "warm region" of the cloud ($T > 0^{\circ}\text{C}$) and below the cloud must be greater than the radius of the hailstones at the 0°C isotherm: $R_0 > \Delta R$; the large drops must be formed at between -1.5 and -8.0°C . The greatest

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The physical principles...

S/020/62/144/004/014/024
B125/B104

formation of precipitation it is impossible to lay down criteria for the use of the different substances or to prescribe methods of applying them.

ASSOCIATION: Kabardino-Balkarskoye otdeleniye Instituta prikladnoy geofiziki Akademii nauk SSSR (Kabardino-Balkarskoye Department of the Institute of Applied Geophysics of the Academy of Sciences USSR)

PRESENTED: December 18, 1961, by I. N. Vekua, Academician

SUBMITTED: November 28, 1960

Card 3/3

L 17693-63

ACCESSION NR: AP3005590

materials increases with a temperature decrease of the aqueous fog. Aerosols of all the investigated metallo-iodide materials are highly monodispersive: between 53 and 71% of the particles are 0.05—0.15 μ in diameter. The predominant fraction of particles in an aerosol is dependent on the iodide-containing substance used.
Orig. art. has: 2 figures, 2 tables, and 2 formulas.

ASSOCIATION: none

SUBMITTED: 18Dec61

DATE ACQ: 06Sep63

ENCL: 00

SUB CODE: AS

NO REF Sov: 002

OTHER: 003

Card 2/2

YEFIMOV, V.Ye.; LAPCHEVA, V.F.; SULAKVELIDZE, G.K.

Radar method for determining the seats of origin of hails.
Meteor. i gidrol. no.10:10-14 O '63. (MIRA 16:11)

1. Vysokogornyy geofizicheskiy institut.

"APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001653820018-7

... G.S., U.S.A.F. (U.S. Air Force)

... purpose of determining Soviet principles and methods
of geophysical prospecting. (RCIA 324)
Report No. 36-43 11-145.

• ... Soviet geophysical methods

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CIA-RDP86-00513R001653820018-7"

L 12990-66

ACC NR: AR5000800

from large drops of rain and soft hail takes place at $4 \cdot 10^{-7} > n > 1 \cdot 10^{-7}$ cm $^{-1}$, while reflection from hailstones with diameters of more than 0.7 cm is observed when $n > 4 \cdot 10^{-7}$ cm $^{-1}$. In the foothills during the summer months of 1963 where the level of the zero isotherm reached 3 km above the surface of the earth, the hail often melted and turned to rain, reducing the number of radar reflections. This is confirmed by a vertical radar profile. For determining the form of precipitation reaching the surface of the earth, graphs are given showing the sizes of melted particles under various thermal atmospheric conditions. These data show that when the zero isotherm is 4 km above the surface, hailstones 1.7 cm in diameter will be completely melted before they reach the ground. This means a reduction in the number of experiments on the action to take in preventing hail storms when temperature stratification is taken into account.

SUB CODE: 04

Card 2/2

L 34106-66 EAT(1)/FED
ACC NR: AP6009789

SOURCE CODE: UR/0050/65/000/012/0045/0049

AUTHOR: Sulakvelidze, G. K. (Professor); Bibilashvili, N. Sh.; Lapcheva, V. F.

ORG: Vysokogornyy Geophysical Institute (Vysokogornyy geofizicheskiy institut)

TITLE: Method and physical principles of influencing hail formation in clouds

SOURCE: Meteorologiya i hidrologiya, no. 12, 1965, 45-49

TOPIC TAGS: hail, cloud formation, cloud physics, atmospheric cloud, weather control research

ABSTRACT: This article is a review of investigations at the Vysokogornyy Geophysical Institute (Vysokogornyy geofizicheskiy institut) concerning processes of the formation of rain and hail, performed between 1956 and 1963. An analysis of the data showed that at the initial stage of development of the convective cloud, the rise of air masses is accomplished as individual thermals. Upon further development of the cloud the number of thermals increases, they merge in the central part, forming an updraft. In large convective clouds, beginning approximately from the cloud base, the velocity of the updraft increases almost linearly with height and reaches a maximal value at about the middle part of the cloud, after which, toward the top of the cloud, the velocity again begins to decrease, also linearly. The maximal value of the updraft velocity is reached in the cumulus-rain

UDC 551.509.616 (047)

Card 1/3

L 34106-66
ACC NR: AP6009789

2

phere as a consequence of advection of air masses and the melting of hailstones upon their falling from the level of the zero isotherm to the earth's surface are taken into account when forecasting hail processes. The method of forecasting hail phenomena was checked under field conditions to prevent hail damage and the method proved to be quite reliable. D. V. Kiryukhin, Docent of Leningrad University, participated in developing the method and physical principles of influencing hail processes. Orig. art. has: 5 formulas and 1 figure.

SUB CODE: 08 / SUBM DATE: none / ORIG REF: 005 / OTH REF: 003

Card 3/3 //

ACC NR: AM6012226

Ch. I. Vertical flow in convection clouds -- 10
Ch. II. Growth of drops and formation of the zone of accumulation in convection clouds -- 88
Ch. III. Process of the formation and growth of hail -- 129
Ch. IV. Results of radar studies of clouds and precipitation -- 157
Ch. V. Method and results of the effect upon hail processes -- 203
Conclusion -- 255
Bibliography -- 259

SUB CODE: 04 / SUBM DATE: 18Sep65 / ORIG REF: 076 / OTH REF: 047

Card 2/2

"APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001653820018-7

SULAKVELIDZE, L.A.

Formation of structural flash floods. Trudy CruzNIIGiM no.20:
145-154 '58. (MIRA 15:5)
(Georgia--Floods)

APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001653820018-7"

SULAKVELIDZE, L. A., Cand Tech Sci -- (diss) "Problem of the formation
of structured land-eroding streams." Tbilisi, Academy of Sciences Geor-
gian SSR Publishing House, 1960. 17 pp; (Ministry of Agriculture Geor-
gian SSR, Georgian Order of Labor Red Banner Agricultural Inst); 150
copies; free; (KL, 51-60, 119)

"APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001653820018-7

SULAKVELIDZE, Tamara; CHOPIKASHVILI, Ye., red.; VARDANIYA, E., tekhn.red.

[Georgian vegetable dishes] Gruzinskie ovoshchnye bliuda.
Tbilisi, Izd-vo M-va torg.Gruzinskoi SSR, 1959. 63 p.

(MIRA 14:2)

(Cookery, Georgian)

APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001653820018-7"

"APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001653820018-7

SULAKVELIDZE, L.A.

Characteristics of basins and alluvial fans of eroding mountain
streams. Trudy Gruz NIIGiM no.21:161-170 '60. (MIRA 16:1)
(Georgia--Erosion)

APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001653820018-7"

СССР, Ленинград, 1965.

Role of the pituitary antidiuretic hormone in the mechanism of water metabolism disorders in hepatic pathology. Probl. endokr. i farm. Ll no.2:76-79 Mr-Ap '65. (MIRA 18:7)

I. kafteira narsel'noy fiziologii (av. - prof. N.N. Pronina)
Avtore-By: cliniko-metabolicogo instituta, Orlovenikidze.

SULAKVELIDZE, T.S.

State of the basic processes of uropoiesis in liver pathology.
Biul.eksp.biol.i med. 58 no.10:33-37 O '64.

(MIRA 18:12)

1. Kafedra normal'noy fiziologi (zav. - prof. N.N.Pronina)
Severo-Osetinskogo meditsinslogo instituta, Ordzhonikidze.
Submitted February 3, 1964.

SULAKVELIDZE, T.S.

Mechanism of the water-salt metabolism in pathology of the liver. Biul. eksp. biol. i med. 60 no.9:51-54 S '65.
(MIRA 18:10)
1. Kafedra normal'noy fiziologii (zav. - prof. N.N. Pronina)
Sverdlovskogo meditsinskogo instituta, Ordzhonikidze.

SULAKVELIDZE, V.M.

Oxygen treatment in ascariasis. Soob. AN Gruz. SSR 19 no.6:763-766
D '57. (MIRA 11:6)

1.Tbilisskiy gosudarstvennyy meditsinskiy institut. Predstavlene
chlenom-korrespondentom AN GruzSSR I.Ya. Tatishvili.
(ASCARIDS AND ASCARIASIS) (OXYGEN--THERAPEUTIC USE)

BILY, S.

FAIPAR. (Faipari Tudomanyos Ujzeslet) Budapest.

Current questions of Hungarian furniture and its manufacture. p. 225.

Vol. 1, No. 2/3, Aug./Sept. 1958.

Monthly List of East European Missions (EEAI), LG, Vol. 8, No. 3,
March 1959 Unclass.

LESZCZENSKI, Franciszek; WROBEL, Czeslaw; SULARZ, Ziemowit; WARCHEL, Eugeniusz;
KEIM, Jerzy

The need for engineering correspondence courses in Breslau. Przegl
geod 34 no.3:122-124 Mr '62.

JAKIMOWICZ, Wladyslaw; BANACHOWSKA, F., (Gdansk); DOBROWOLSKA, B. J.;
GOLDSZTAJN, M., (Krakow); CZARSKI, Z., (Lublin); KUBERSKI, Z.;
SULAT, H.; SZULC, J., (Lodz); ZIETKIEWICZ, W.; SIXDEL-
KOŁODZIEJOWA, A., (Poznan); MICHALOWICZ, R., (Szczecin);
DOWGIALLO, M.; PUCILOWSKA, K., (Warszawa); GAJ, J., (Wroclaw);
CHIOPICKI, Wl., (Zabrze).

Diagnostic statistics from neurological clinics during 1953.
Neur. &c. polska 6 no. 4:479-486 July-Aug 56.

(NERVOUS SYSTEM, dis.
diag. statist. (Pol))

Herman, Eufemiusz; Sulat, Henryk

Post-traumatic syndrome of vasomotor origin, livedo racemosa universalis, disseminated, pyramidal-extrapyramidal disorders, and psychic disorders. Neur. &c. polska 7 no.1:95-98 Jan-Feb 57.

1. Z Kliniki Chorob Nerwowych A. M. w Łodzi. Kierownik: prof. dr. E. Herman. Adres: Łódź, ul. Narutowicza 75 B.

(WOUNDS AND INJURIES,

post-traum. synd. of vasomotor disord., livedo racemosa, pyramidal-extrapyramidal disord. & psychic disord. (Pol))

(PSYCHOSES,
same)

PRUSINSKI, Antoni; SULAT, Henryk; SULAT, Teresa

A case of Takayasu's syndrome (so-called "pulseless" syndrome).
Neur. &c polska 10 no.4:457-464 Jl-Ag '60.

l. Z Kliniki Chorob Nerwowych A.M. w Lodzi Kierownik: prof. dr
nauk med. E.Herman i z Kliniki Chorob Oczu A.M. w Lodzi Kierownik:
prof. dr nauk med. J.Sobanski.

(AORTA dis)
(ARTERITIS)

RUCINSKA, Zofia; SULAT, Henryk

Cocarboxylase therapy of amyotrophic lateral sclerosis.
Neurol. neurochir. Psychiat. pol. 13 no.2:205-207 '63.

l. Z Kliniki Chorob Nerwowych AM w Lodzi Kierownik: prof. dr
nauk med. E. Herman.

(AMYOTROPHIC LATERAL SCLEROSIS)
(THIAMINE PYROPHOSPHATE)
(THERAPEUTICS)

PRUSINSKI, Antoni; SULAT, Henryk; SULAT, Teresa

A case of Takayasu's syndrome (so-called "pulseless" syndrome).
Neur. &c polska 10 no.4:457-464 Jl-Ag '60.

1. Z Kliniki Chorob Nerwowych A.M. w Lodzi Kierownik: prof. dr
nauk med. E.Herman i z Kliniki Chorob Oczu A.M. w Lodzi Kierownik:
prof. dr nauk med. J.Sobanski.

(AORTA dis)
(ARTERITIS)

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CIA-RDP86-00513R001653820018-7

SOBANSKI, Janusz; SULAT, Teresa

Treatment of burns of the eye in the eye disease clinic of the
academy of medicine in Lodz during 1945-1959. Klin.oczna 30
no.1:103-106 '60.

1. Z Kliniki Chorob Oczu A.M. w Lodzi. Kierownik: prof.dr med.
J. Sobanski.

(EYE wds.& inj.)
(BURNS ther.)

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CIA-RDP86-00513R001653820018-7"

SOBAN'SKI, Ya. [Sobanski, J.]; DOMZHAL, V. [Domrzal, W.]; SULAT, T.;
ZHELAVSKA-RYBUS, Ye. [Zelawska-Rybus, E.]

Development of "primitive vision", fixation and binocular vision
in man. Uch.zap. GNII glaz.bol. no.7:201-202 '62. (MIRA 16:5)

1. Iz kliniki glaznykh bolezney (rukovoditel' - prof. Ya. Soban'ski)
Meditinskoy akademii v Lodzi, Pol'skaya Narodnaya Respublika.
(VISION)

"APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001653820018-7

SOBANSKI, Janusz; DOMZALA, Barbara; SULAT, Teresa; ZELAWSKA, Helena

On the treatment of squint (concomitant strabismus) in
adolescents and adults. Klin. oczna 33 no.3/4:433-437 '63.

1. Z Kliniki Chorob Oczu AM w Lodzi Kierownik: prof. dr med.
J. Sobanski. (STRABISMUS) (THERAPEUTICS)

APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001653820018-7"

SKRIPNIK, M., voditel' trolleybusa na marshrute No.15 (g.Kiyev); SALIMOVA, G., voditel' tramvaya na marshrute 47; ANDREYEV, L., voditel' trolleybusa na marshrute No.25; SULATSKIY, I., voditel' trolleybusa na marshrute No.24; RAZNEROV, A., voditel' tramvaya na marshrute No.8 (g.Leningrad)

Passenger transportation without using conductors. Zhil.-kom.khoz.
(MIRA 13:10)
10 no.10:9-10:10 '60.

1. Depo im. Anakova, g.Moskva (for Salimova). 2. Vtoroy trolleybusnyy park, g. Moskva (for Andreyev). 3. Vtoroy trolleybusnyy park, g. Moskva (for Sulatskiy).
(Local transit)

GELOVANI, M.A., kand.med.nauk; SULAVA, N.O.

Case of renal diabetes combined with levulosuria. Pediatris no.11:
(MIR 11:2)
85-86 N '57.

1. Iz kafedry gospital'noy pediatrii (zav. - prof. I.M.Rikhiladze)
Tbilisskogo meditsinskogo instituta (dir. - prof. I.T.Menteshashvili)
(DIABETES)
(URINE--ANALYSIS AND PATHOLOGY)

POZDNYAKOVA, Z.Ye.; SULAVKO, L.A.

Extraction of antibiotics from mycelial masses. Med. prom. 14
no.5:38-41 My '60. (MIRA 13:9)

I. Institut po izyskaniyu novykh antibiotikov Akademii meditsinskikh nauk SSSR.
(ANTIBIOTICS)

KRUGLYAK, Ye.B.; KONSTANTINOVA, N.V.; SULAVKO, L.A.

New method for the isolation of antibiotic 6613 and its comparison
with ethamycin. Antibiotiki 6 no.4:298-302 Ap '61. (MIRA 14:5)

1. Institut po izyskaniyu novykh antibiotikov AMN SSSR.
(ANTIBIOTICS)

"APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001653820018-7

SULAYEV R.M.

APPROVED FOR RELEASE: 07/13/2001

APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001653820018-7"

SHLAEVA, L.S., VITSEV, A.B., VIBOLCHIK, P.A., VOLOZHINA, T.YA.,
MAILOVA, Z.I., VAKUJOVA, N.S., VENKOVA, A.K., KURKUMAYA, M.Z.,
TANINA, N.A., RUMYANTSEVA, N.I., (USSR)

"Special Aspects of the Metabolism of Some Substances in
Mitigation Disease in Dogs."

Report presented at the 5th Int'l. Biochemistry Congress, Moscow,
1-16 Aug 1961.

POLOSUKHIN, T.YA.; VALIPOVA, M.S.; DYAKOVA, A.L.; KAIPOVA, Z.N.; KUROVSKAYA,
N.I.; RESHETHNIKOVA, N.I.; SULAYEVA, L.S.

Effect of X rays on lipid metabolism in the dog liver. Vop. med.
khim. & no.2:192-199 Mr-Ap '62. (MIRA 15:4)

1. Chair of Biological Chemistry, Kazakh State Medical School,
Alma-Ata.

(LIVER) (LIPID METABOLISM) (X RAYS--PHYSIOLOGICAL EFFECT)

"APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001653820018-7

BUAYAH, I.S.

Effect of X-ray irradiation on cholesterol metabolism in the
body of dogs. Radiobiologie 2 no.1825-31 Ja 1963 (MIRA 1825)

APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001653820018-7"

SULAYMANKULOV, K., Cand. Chem. Sci -- (diss) "Reaction of urea
with salts in solutions and fusions." Frunze, 1957. 14 pp with
drawings. (Rost State Inst), 120 copies. (KL, 9-58, 114)

- 25 -

"APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001653820018-7

APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001653820018-7"

SULAYMANKULOV,
SULAYMANKULOV, K.; HERGMAN, A.G.

The polytherm of the ternary system water - urea - magnesium sulfate. Zhur.neorg.khim. 2 no.9:2226-2230 S '57. MIRA 10:12)

1.Rostovskiy-na-Donu gosudarstvennyy universitet.
(Magnesium) (Urea) (Sulfates)

"APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001653820018-7

BERGMAN, A.G.; SULAYMANKULOV, K.

The polytherm of solubility of the system water -- urea -- zinc
sulfate. Zhur. neorg. khim. 2 no.12:2813-2818 D '57. (MIRA 11:2)
(Urea) (Zinc sulfate) (Solubility)

APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001653820018-7"

KYDYNOV, M., nauchnyy sotrudnik; BATYRCHAYEV, I.; LOPINA-SHENDRIK, M.D.; KALBAYEV, A.; IMANAKUNOV, B.; SULAYMANKULOV, K., kand.khim.nauk; DUYSHENALIYEVA, N.; AKBAYEV, A.; KAZIYEV, K.; GOLOVIN, F.I.; BAKASOVA, Z.; KOVALENOK, Z.P.; SHELUKHINA, N.P.; BUGUBAYEV, A.B., starshiy prepodavatel'; BAYBULATOV, E.B., mladshiy nauchnyy sotrudnik; FILIPPOV, N.A., mladshiy nauchnyy sotrudnik; MAMBETAKUNOV, T., aspirant; IMANKULOV, A., aspirant; TURMAMBEfov, S., mladshiy nauchnyy sotrudnik; MUKHAMEDZIYEV, M.M., nauchnyy sotrudnik; KONURBAYEV, A.O.; PAK, L.V.; RUDAKOV, O.L.; TOKTOSUNOV, A.; KULAKOVA, R.I.; ASHIRAKHMANOV, Sh., aspirant; ALYSBAYEV, B.; SULTANALIYEV, A.; AKHMETOV, K.; POLONOVA, A.P.; NIKITINSKIY, Yu.I.; SHAMBETOV, S.Sh.; DZHUMBAYEV, B.O., nauchnyy sotrudnik; DRUZHININ, I.G., red.; ANOKHINA, M.G., tekhn.red.

[Papers by junior scientists of the Academy of Sciences of the Kirghiz S.S.R.] Trudy molodykh nauchnykh rabotnikov AN Kirgizskoi SSR. Frunze, 1958. 411 p. (MIRA 12:3)

(Continued on next card)

KYDYNOV, M.---(continued) Card 2.

1. Akademiya nauk Kirgizskoy SSR, Frunze.
2. Institut khimii AN Kirg.SSR (for Kydynov).
3. Kirgizskiy gosudarstvennyy universitet (for Bugubayev).
4. Institut geologii AN Kirg.SSR (for Baybulatov).
5. Institut vodnogo khozyaystva i energetiki AN Kirg.SSR (for Filippov).
6. Otdel fiziki i matematiki AN Kirg.SSR (for Mambetakunov, Imankulov).
7. Institut zoologii i parazitologii AN Kirg.SSR (for Turmambetov).
8. Kirgizskiy meditsinskiy institut (for Mukhamedziyev).
9. Otdel pochvovedeniya AN Kirg.SSR (Ashirakhmanov).
10. Institut botaniki AN Kirg.SSR (for Alyshbayev, Sultanaliyev, Akhmetov, Polenova, Nikitinskiy).
11. Institut istorii AN Kirg.SSR (for Dzhumbayev).

(Science--Collections)

5(4)

AUTHORS:

Bergman, A. G., Sulaymarkulov, K.

SOV/78-4-4-37/44

TITLE:

The Equilibrium in the Systems Water - Urea - Cobalt-Sulphate and Water - Urea - Copper-Sulphate (Ravnovesiye v sistemakh: voda-mochevina-sul'fat katal'tsa i voda-mochevina-sul'fat medi)

PERIODICAL:

Zhurnal neorganicheskoy khimii, 1959, Vol 4, Nr 4, pp 928-935
(USSR)

ABSTRACT:

In the system $\text{CoSO}_4 \cdot \text{CO}(\text{NH}_2)_2 \cdot \text{H}_2\text{O}$ the following isothermal lines were investigated: solubility, specific weight and viscosity. The results are given in figures 1 and 2. The complexes $\text{CoSO}_4 \cdot 6\text{CO}(\text{NH}_2)_2$ and $\text{CoSO}_4 \cdot 2\text{CO}(\text{NH}_2)_2 \cdot 4\text{H}_2\text{O}$ are formed between cobalt sulphate and urea. Instead of an H_2O molecule, the urea molecule enters the inner sphere of the complex as an addendum. The authors investigated the polythermal line of the system water - urea - copper sulphate from -18.4 to $+25^\circ$ by a visual-polythermal method. For the purpose of investigating the crystallization surface of this system eight internal sections were made which are given in figure 3 and table 2. The complex formed in the

Card 1/3

SOV/78-4-4-37/44
The Equilibrium in the Systems Water - Urea - Cobalt-Sulphate and Water ..
Urea - Copper-Sulphate ..

Liquid phase is not separated as a solid phase. The isothermal lines of the solubility, specific weight and viscosity of the system $\text{CuSO}_4 \cdot \text{CO}(\text{NH}_2)_2 \cdot \text{H}_2\text{O}$ were investigated at 30°; the results are given in figure 3. The authors discussed the results of the investigation of complex formation in the system water - urea - sulphate of magnesium, zinc, cobalt and copper. The compounds produced with urea have the coordination numbers 4 and 6, ones entering the inner complex sphere. A table contains the measurement results of the isothermal lines of the system $\text{CuSO}_4 \cdot \text{CO}(\text{NH}_2)_2 \cdot \text{H}_2\text{O}$ as well as the compositions of the solid phases; another table contains similar data on the system $\text{CuSO}_4 \cdot \text{CO}(\text{NH}_2)_2 \cdot \text{H}_2\text{O}$. There are 6 figures, 3 tables, and 8 references, 5 of which are Soviet.

ASSOCIATION: Rostovskiy na-Donu gosudarstvennyy universitet (Rostov-na-Donu State University) Institut khimii Akademii nauk Kirov.SSR
(Chemical Institute of the Academy of Sciences of the Kirovskaya SSR)

Card 2/3

SOV/78-4-5-31/46

5(4)
AUTHORS: Bukhalova, G. A., Sulaymankulov, K., Bostandzhiyan, A. K.

TITLE: The Melting Diagram of the System Consisting of Fluorides
of Lithium, Sodium and Calcium (Diagramma plavkosti sistemy
iz ftoridov litiya, natriya i kal'tsiya)

PERIODICAL: Zhurnal neorganicheskoy khimii, 1959, Vol 4, Nr 5,
pp 1138-1140 (USSR)

ABSTRACT: For the purpose of determining the easily meltable mixtures
of alkali- and alkaline earth fluorides, the three-component
system Li, Na, CaF was investigated by means of the visual-
thermal method in a platinum crucible with a platinum stirrer.
First, the two-component systems were investigated, and the
following eutectics were found: Li_2F_2 -CaF₂ with 766° and
34% CaF₂, LiF₂-Na₂F₂ with 652° and 39% Na₂F₂; Na₂F₂-CaF₂
with 818° and 49% CaF₂. In the three-component system 8 sections
were investigated. There is no interaction among the com-
ponents of the system. The common crystallization line of
the components harmonizes with the triple eutectic point in
the case of a composition of 33.5% Na₂F₂, 46.5% Li₂F₂ and

Card 1/2

The Melting Diagram of the System Consisting of Fluorides of Lithium,
Sodium and Calcium

SOV/78-4-5-31/46

20% CaF₂ with a melting temperature of 607°C. The low-melting eutectic mixture of the system Li, Na, Ca/F is recommended as a fluxing material for melting nonferrous metals. There are 3 figures and 5 references, 3 of which are Soviet.

ASSOCIATION: Rostovskiy-na-Donu inzhenerno-stroitel'nyy institut
(Rostov na Donu Engineer-Building Institute).
Laboratoriya goryuchikh iskopayemykh Akademii nauk Kirgizskoy SSR (Laboratory for Mineral Fuels of the Academy of Sciences of the Kirgiz SSR)

SUBMITTED: February 20, 1958

Card 2/2

SULAYMANKULOV, K.; DRUZHININ, I.G.

Solubility isotherm of the system urea- Cadmium sulfate Sulfate-water
at 30°. Zhur. neorg. khim. 6 no.7:1724-1726 Jl 'cl.
(Urea) (Cadmium sulfate)

"APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001653820018-7

DUYSHENALIYEVA, N.; SULAYMANKULOV, K.; DRUZHININ, I.G.

Solubility, specific gravity, and viscosity isotherms of the
system ZnSO₄ - CO(NH₂)₂ - H₂O at 30°. Zhur.neorg.khim. 6
no.8:1919-1921 Ag '61. (MIRA 14:8)
(Zinc sulfate) (Urea)

APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001653820018-7"

"APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001653820018-7

SULAYMANKULOV, K.

Solubility, viscosity, and specific gravity isotherm of the
system beryllium sulfate - urea - water at 30°C. Zhur.neorg.khim.
7 no.6:1418-1420 Je '62. (MIRA 15:6)
(Beryllium sulfate) (Urea)

APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001653820018-7"

"APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001653820018-7

MUSTAYEV, A.K.; SULAIMANKULOV, K.

Equilibrium in the system monocalcium phosphate - sulfamic acid -
water. Izv.AN Kir.SSR.Ser.est.i tekhn.nauk 4 no.9:107-109 '62.
(MIRA 16:4)
(Sulfamic acid) (Calcium phosphates)

APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001653820018-7"

DRUZHININ, I.G., otv. red.; BATYRCHAYEV, I.Ye., red.; BLESHEINSKIY,
S.V., red.; KONOPEL'KO, A.G., red.; KYDYNOV, M., red.;
SULAYMANKULOV, K., red.; POMENKO, V.L., red.izd-va;
POPOVA, M.G., tekhn. red.

[Materials from the Conference Devoted to the Centennial of
the Birth of Academician N.S.Kurnakov] Sbornik materialov
Konferentsii, posvyashchennoi 100-letiyu so dnya rozhdeniya
akademika N.S.Kurnakova. Frunze, Izd-vo AN Kirgiz.SSR, 1963.
175 p.
(MIRA 16:7)

1. Konferentsiya, posvyashchennaya 100-letiyu so dnya rozhde-
niya akademika N.S.Kurnakova.
(Kurnakov, Nikolay Semenovich, 1860-1941)
(Chemistry, Physical and theoretical)

"APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001653820018-7

SULAYMANKULOV, K.; NAUMOVA, G.V.

Complex formation in the system lithium sulfate - urea - water.
Zhur.neorg.khim. 8 no.9:2211-2213 S '63. (MIRA 16:10)

APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001653820018-7"

GATYZHSKIY, I.Ya.; SULAYMANOV, A.

Economic accountability within the factory in a production organization without division into separate workshops. Kozh.-obuv.prom. no.9:17-18 S '59. (MIRA 13:2)

1. Sovnarkhoz Kirgizskoy SSR.
(Kirghizistan--Leather industry)

ABRAMZON, S.M.; ANTIPINA, K.I.; VASIL'YEVA, G.P.; MAKHOVA, Ye.I.; SULAYMANOV, D.
DEMIN, A.I., red.izd.-va; KASHINA, P.S., tekhn.red.

[The life of collective farmers in the Kirghiz villages of Darkhan
and Chichkan] Byt kolkhoznikov, kirgizskikh selenii Darkhan i
Chichkan. Moskva. Izd-ve Akad. nauk SSSR. 1958. 322 p. (Akademika
nauk SSSR. Institut etnografii. Trudy, vol. 37). (MIRA 11:8)
(Darkhan--Collective farms) (Chichkan--Collective farms)

"APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001653820018-7

SHEN'KOV, Ivan Fedorovich; R. Yel'tsov, ed.

[New technology in sugar beet growing] Kent kzylychasyн
osturuunun zmany tekhnologiyas. Frunze, Kyrgyzstan man-
lekettik iasmasy, 1963. 91 p. [In Kirghiz]

(MIRA 17:10)

APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001653820018-7"

"APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001653820018-7

SULAYMANOV, T.

Results of field investigations of a measuring weir. Izv.AN Kir.
SSR.Ser.est.i tekhn.nauk 2 no.4:61-66 '60. (MIRA 14:8)
(Steam measurements)

APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001653820018-7"

SUJIC, A.

SUJIC, A. How to reduce the costs of general repairs for tractors. p. 238.

Vol. 6, No. 12, June 1956.

IZDANIE VEDY DILITRY.

AKTUALITRY.

Praha, Czechoslovakia

See: East European Accension, Vol. 1, No. 3, March 1957

"APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001653820018-7

VODAK, Pavel, SULC, Antonin

School phobia and truancy. Cesk.psychiat. 56 no.2:109-107 Ap '60.

1. Psychiatrické oddelení KUNZ, Zachytný dětský domov v Liberci.
(CHILD PSYCHOLOGY)

APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001653820018-7"

SULC, D.

Yugoslavia (430)

Technology

The crab apple for producing natural fruit vinegar
and pentin. p. 33, KEMIJA U INDUSTRIJI, Vol. 1, no. 2,
1952.

East European Accessions List, Library of Congress,
Vol. 1, no. 14, Dec. 1952. UNCLASSIFIED.

SULC, D

"Standardization of pectin preparations." p. 129. (Kemijska U Industriji, Vol. 2, no. 5,
1953, Zagreb.)

SO: Monthly List of Russian Accessions, Library of Congress, September 1953, Uncl.

"Institute for Technology and Packing of Commodities in Munich and its
Ninth Scientific Congress, June 30-July 3, 1954." p. 265, (KEMIJA U
INDUSTRICI, Vol. 3, no. 9, Sept. 1954. Zagreb, Yugoslavia.)

SC: Monthly List of East European Accessions, (EEAL), LC,
Vol. 4, No. 5, May 1955, Uncl.

SMEC, "

"Critical review of the situation in our country industry." p. 7a,
(NE IJA I INDUSTRIJI, Vol. 3, No. 2/3 Feb./ Mar. 1941, Zagreb, Yugoslavia)

SO: Monthly List of East European Accessions, (EAL), ID, Vol. 3, No.
12, Dec. 1941, Incl.

New pectinometer for strength tests of pectin gels and standardization of pectin preparations. D. Sule (Inst. Ind. Research, Zagreb, Yugoslavia). *Fette u. Seifen, Anstrichmittel* 56, 820-3(1954). The app. consists of a H₂O manometer connected to a Wulff bottle which in turn is connected to a H₂O aspirator and to which is attached a pectin gel disk (0.5 cm. diam., 1 cm. thick). The pressure at which the disk is broken is measured. The pressure of a 50-mm. H₂O column is defined as standard. Edward H. Sheers

NOTE, 1.

(3)

Pectin decomposition in fermenting apple pulp. D. Šulc and M. Ristić (Inst. industrielle Forschung, Zagreb, Yugoslavia). Z. Lebensm.-Untersuch. u. -Forsch., 98, 430-4 (1964). The handling of the fresh pulp residue from manuf. of sweet apple cider was investigated with regard to the quality and quantity pectin derived therefrom. Fermentation during holding caused almost no loss in quantity but quality was strongly affected. Fermentation causes depolymerization of the pectin mol. which is assoc'd. with loss in gelling capacity. The degree of esterification remains practically unchanged. To obtain pectin of high quality the fresh pulp should be dried, or processed to pectin directly (at least within 2-3 hrs.) after the apples are dressed. M. M. Piskur.

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CIA-RDP86-00513R001653820018-7"

34140, 0001111X
YUGOSLAVIA/Chemical Technology - Chemical Products and Their
Application - Food Industry.

H-28

Abs Jour : Ref Zhur - Khimiya, No 3, 1958, 9687

Author : Sulc Delimir, Kveder Heda, Glavac Andrija

Inst :

Title : Pomegranates as Raw Material for the Production of Juice,
Tanning Agents and Pectin.

Orig Pub : Kemija u industriji, 1957, 6, No 4, 105-111

Abstract : Chemical and technological studies have shown that pomegranate (Punica granatum) constitutes a valuable raw material for the production of a juice that is rich in vitamins and mineral substances (yield 33%), of tanning agents (yield 7%) and pectin (yield 1%). Pomegranate seeds (yield 17%) provide cattle feed.

Card 1/1

SULC, Delimic, dr (Zagreb, Nova Ves 30)

Technological conditions for a successful separation of fruit-
juice aroma. Tehnika Jug:Suppl.:Teheran ind i Hemindustrija 17
no.2:352-358 Fe '63.

1. Sef tehnoloskoistraziackog laboratorija Tvornice "Jedinstvo",
Zagreb.

"APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001653820018-7

SOLO, D., CIRCU, D., RIO, T.

Influence of vitamin C on the preservation of natural color
of apple juice and concentrate. Revista de Nutrição
p. 161.

Faculty of Technology, Novo Hr.

APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001653820018-7"

SUIC, F.

First International Trade Fair in Brno, 1959. p. 65

JURNAL ZNAKU, CHRAZENE VZORNY. (Urad pro patenty a vyradezy) Praha,
Czechoslovakia, Vol. 1, no. 3, Sept. 1959

Monthly List of East European Accessions (EEAI), LC. Vol. 9, no. 2,
Feb. 1960

Uncl.

"APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001653820018-7

SULC, F., dr.

The 2nd International Fair in Brno, 1960. Nova technika no.9:
426 S '60.

APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001653820018-7"

Sulc, J.

AGRICULTURE

Role and tasks of the Research Institutd of Agricultural Technology of the

Czechoslovak Academy of Agricultural Sciences . p. 524.

Vol. 5, no. 5, 1958

Monthly Index of East Europeans Accessions (EEAI) LC, Vol. 8, No. 4, April 1959

S/137/62/000/001/206/237
A154/A101

AUTHORS: Šulc, J., Vrobel, L.

TITLE: Electrodeposition of tin-zinc alloys

PERIODICAL: Referativnyy zhurnal, Metallurgiya, no. 1, 1962, 92, abstract 11652
("Korose a ochrana mater.", 1960, listop., 93-96, Czech)

TEXT: The properties and electrodeposition technology of Sn-Zn-alloy coatings are examined. Investigation of the effect of individual factors on the anti-corrosion properties of the coating lead to the following optimum conditions for the process: Electrolyte composition (in g/l) - Na₂SnO₃ - 67.5, or Sn - 30; Zn(CN)₂ - 5.5, or Zn - 3; NaCN - 22, or NaCN_{total} - 25; NaOH_{free} - 10; β-naphtho-1; gelatine - 0.1; temperature - 65°C; D_{cathode} - 1-5 amp/dm²; D_{anode} ≥ 1.5 amp/dm². During operation of the electrolytic bath, free cyanide should be regularly added to the electrolyte in an amount of 3 g per 10 ampere-hours.

V. Levinson

[Abstracter's note: Complete translation]

Card 1/1

SULC, J.; VRBICKY, B.

Ascertaining the flow of subterranean waters. p. 190.

UHLI (Ministerstvo paliv) Praha, Czechoslovakia. Vol. 1, no. 6, June 1959

Monthly list of East European Accessions (EEAI), Vol. 9, no. 1, Jan. 1960

Uncl.

SULC, J.

The ABC of the parachutist. p. 377.

(Kridla Vlasti. No. 12, June 1957. Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 10, October 1957. Uncl.

VINS, J., inz.; SULC, J., inz.

Gliding quality of plain bearings with galvanically coated linings.
Strojirenstvi 12 no.4:271-277 Ap '62.

1. Statni vyzkumny ustav tepelne techniky (for Vins). 2. Statni
vyzkumny ustav ochrany materialu, Praha (for Sulc).

SULC, Jaroslav

"High-fidelity sound" by J. Lukes. Reviewed by Jaroslav Sulc.
Slaboproudý obzor 23 no.10:Suppl.: Literatura 23 no.10:L75 '62.

SULC, Jaroslav

"Saw-tooth generators in television receiving sets" by V.F.
Samojlov [Samoylov, V.F.]. Reviewed by Jaroslav Sulc. Slaboproudý
obzor 23 no.11:Suppl.:Literatura 23 no.11:L81 '62.

SULC, Jiri, inz.

Struggle against noise on auxiliary worksites of coal mines. Uhli
5 no. 6:198-201 Je '63.

1. Vyzkumný ustav bezpečnosti práce, Revoluční odborové hnutí,
Praha.

SULC, Jiri

NOVAK, Bohumil

SURNAME, Given Name

Country: Czechoslovakia

Academic Degrees: /not given/

Second Department of Internal Medicine (II. vnitrní oddelení),
Affiliation: UVN /presumably Ustřední vojenská nemocnice; Central Army Hospi-

tal/, Prague; Director: Jiri Srcka, MD.

Source: Prague, Vnitřní Lékařství, Vol VII, No 5, 1961, pages 557-560.

Data: "Simultaneous Presence of Lymphatic Leukaemia and Carcinoma of
the Stomach."

SULC, Jiri, Second Department of Internal Medicine, UVN, Prague.

670 10149

SUIC [initials]

3

CZECHOSLOVAKIA

SUIC, J; NOVAK, B; DRAHOZAL, H; HASA, J.

1. Nerve Ward of UVN (Nervovi oddeleni), Prague; 2. Second
Internal Medicine Ward UVN (II vnitri oddeleni UVN),
Prague

Brno, Vnitri lekarstvi, No 7, 1963, pp 677-681

"The Follow-up Study of ECG in Trauma of the Skull."

"APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001653820018-7

SULC, Josef, inz.

Gas as an injection means. Vodni hosp 14 no. 3:116 '64.

APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001653820018-7"

"APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001653820018-7

SULC, J., inz.; VYDRA, J., inz.

Communication of Jesensky potok water with the water of the
limestone quarry at Jesenice. Vodni hosp 14 no. 12,466-468 '64.

APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001653820018-7"

"APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001653820018-7

BULC, Josef, inz. dr.

practical measurement by a microscope, type petravim 35 no. Kt 513
Q 164.

APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001653820018-7"

"APPROVED FOR RELEASE: 07/13/2001

CIA-RDP86-00513R001653820018-7

MOVAK, B.; SUIC, J.

Biliary tract disorders in young men. (Rep. No. 71-57, 1971)
no.46;1270-1273 12 N '64.

1. II. vnitrní oddělení UMP v Liberci (zástupce MUDr. J. Šarček).

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CIA-RDP86-00513R001653820018-7"

SILC, J.

"Research on Dehydration in the Food Industry." p. 247
"Drying Food by the Spray Process." p. 258 (Prumysl Iotravin, Vol. 4, no. 6,
June 1953, Praha)

SG: Monthly List of East European Accessions, Vol. 3, no. 2, Library of Congress,
Feb. 1954, Incl.

SULC, JOSEF

Czechoslovakia/Chemical Technology - Chemical Products and Their Application. Food
Industry, I-28

Abst Journal: Referat Zhur - Khimiya, No 19, 1956, 63711

Author: Sulc, Josef

Institution: None

Title: Pasteurization of Egg Mixture in Tubular Pasteurizer

Original
Periodical: Pasteurace vajecne melanze trubkovym pasteurem. Prumysl potravin,
1954, 5, No 8, 355-362; Czech

Abstract: Description of the design and operation scheme of a tubular pasteurizer
of 150 l/hour output capacity for the pasteurization of egg mixture,
stating its advantages. Detailed tests of the pasteurizer gave posi-
tive results. The tubular pasteurizer has been accepted for series
production.

Card 1/1

SULC, J. KALABUSOVA, M.

Drying of acidophilus milk by spraying. p. 292.

(Prumysl Potravin. Vol. 8, no. 6, 1957. Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 10, October 1957. Uncl.

CZECHOSLOVAKIA/Farm Animals. Cattle.

Q

Abs Jour: Ref Zhur-Biol., No 4, 1958, 16802.

Czechoslovakia is under consideration. "Mlekon'" is composed of dry whey, dry blood, oats, dextrine, defatted and non-defatted soy flour, flax grist, dry brewer's yeast, dry acidophil milk, and calcium phosphate. The composition of "Mlekon'" in percents is: nitrogenous substances 30.0, including digestible protein 28.0, fat 6.5, mineral substances 6.5, cellulose 1.5, and non-nitrogenous extractive substances 43.0.

Card : 2/2

SULC, J.; LJKAS, A.

Quickly soluble dried milk. p. 490

PRUMYSL POTRAVIN. (Ministerstvo potravarskyho prumyslu) Praha, Czechoslovakia.
Vol. 9, no. 9, Sept. 1958

Monthly List of East European Accessions (EEAI), LV, Vol. 8, no. 7, July 1959
Uncl.

SULC, J.

Present problems of milk pasteurization. p. 288.

PRUMYSL POTRAVIN. (Ministerstvo potravinarskeho prumyslu) Praha, Czechoslovakia,
Vol. 10, no. 6, June 1959.

Monthly list of East European Accessions (EEAI) LC, Vol. 8, No. 11,
November 1959.

uncl.